

Figure 1(a)

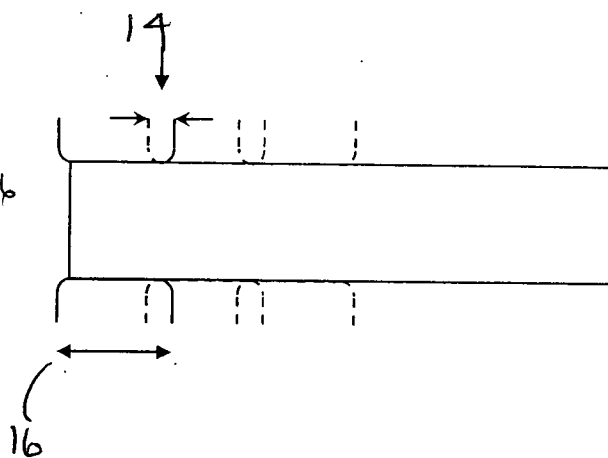


Figure 1(b)

Prior Art

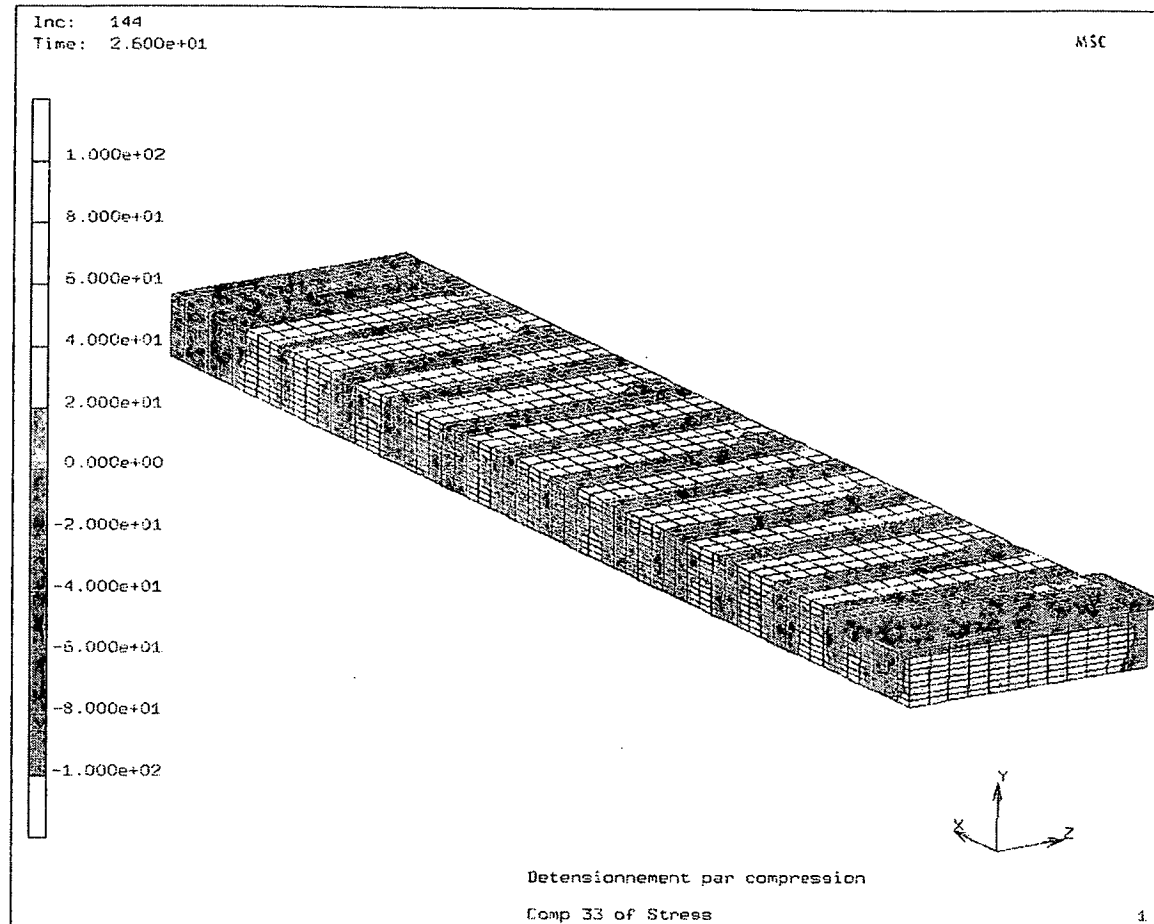


Figure 2

Prior Art

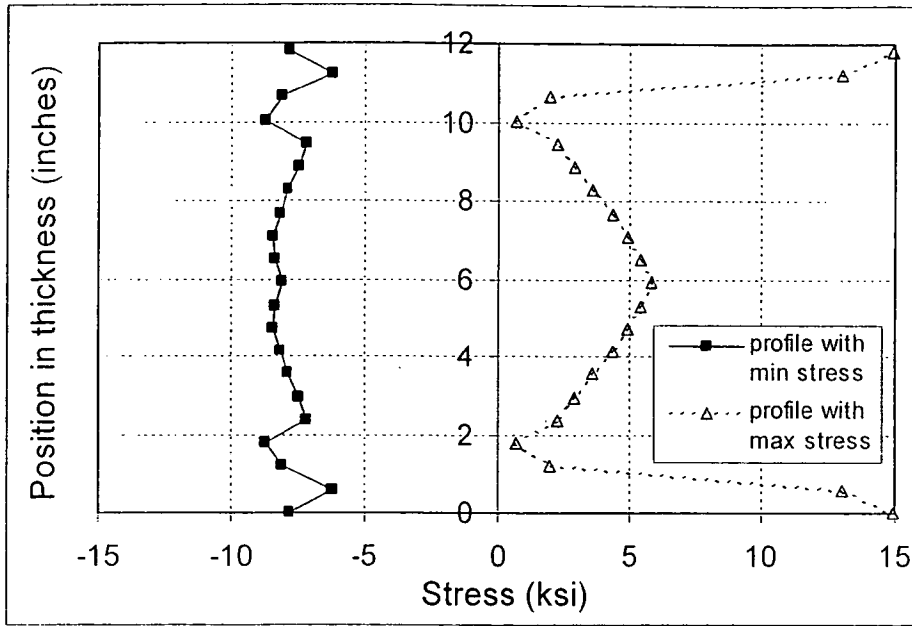


Figure 3

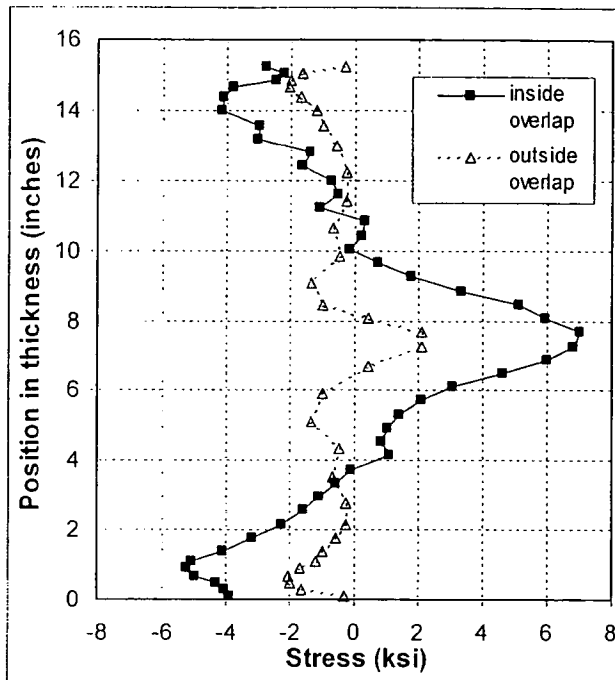


Figure 4

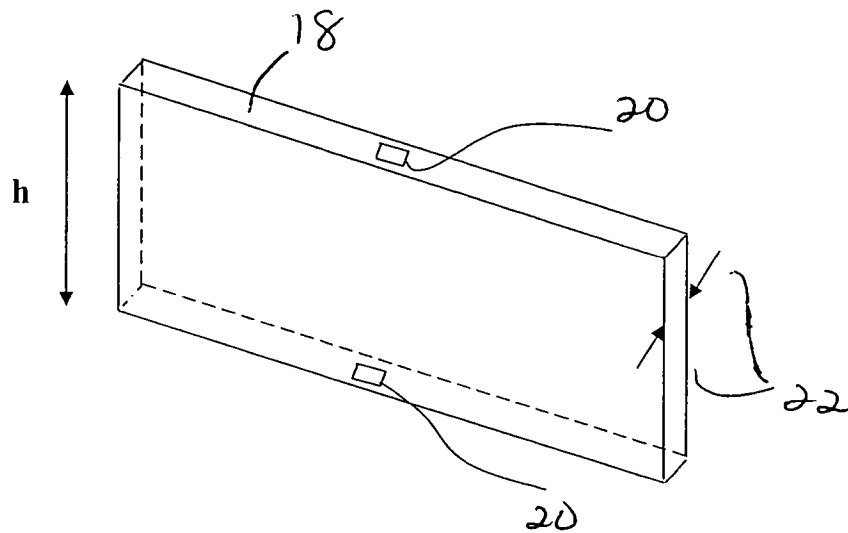


Figure 5

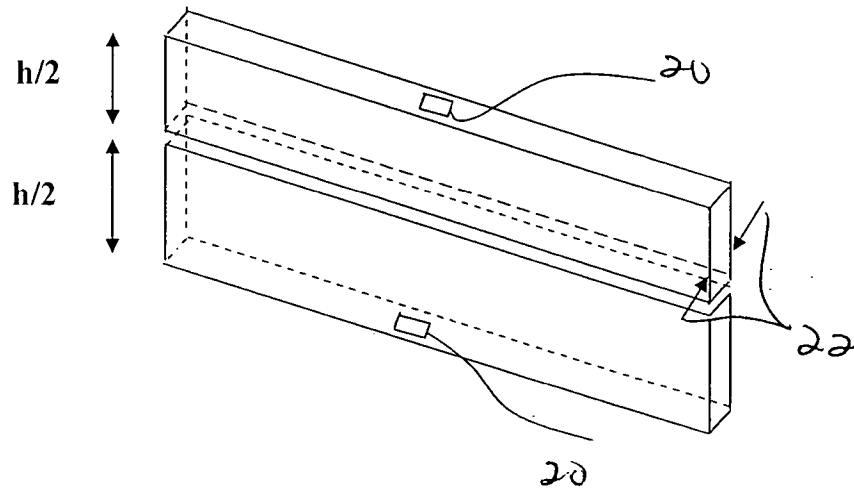


Figure 6

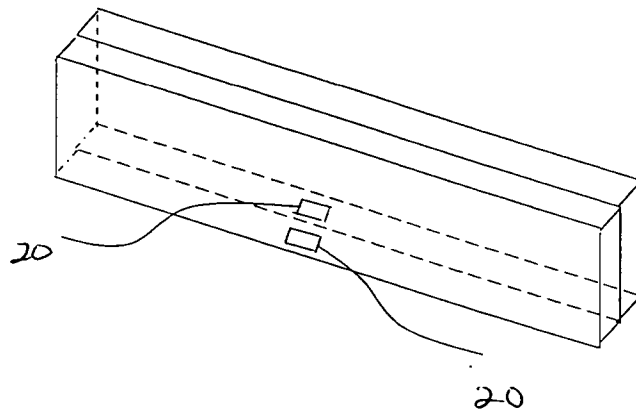


Figure 7

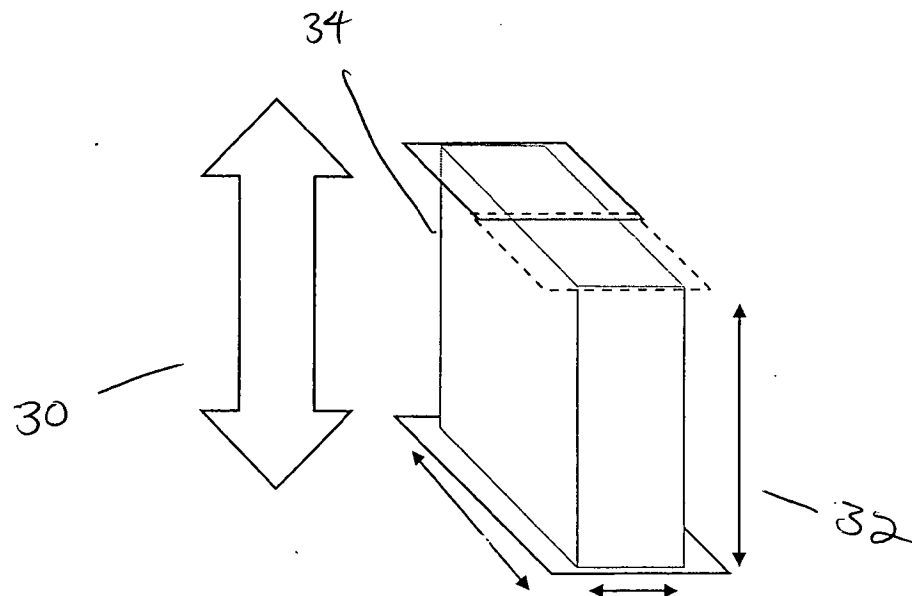


Figure 8

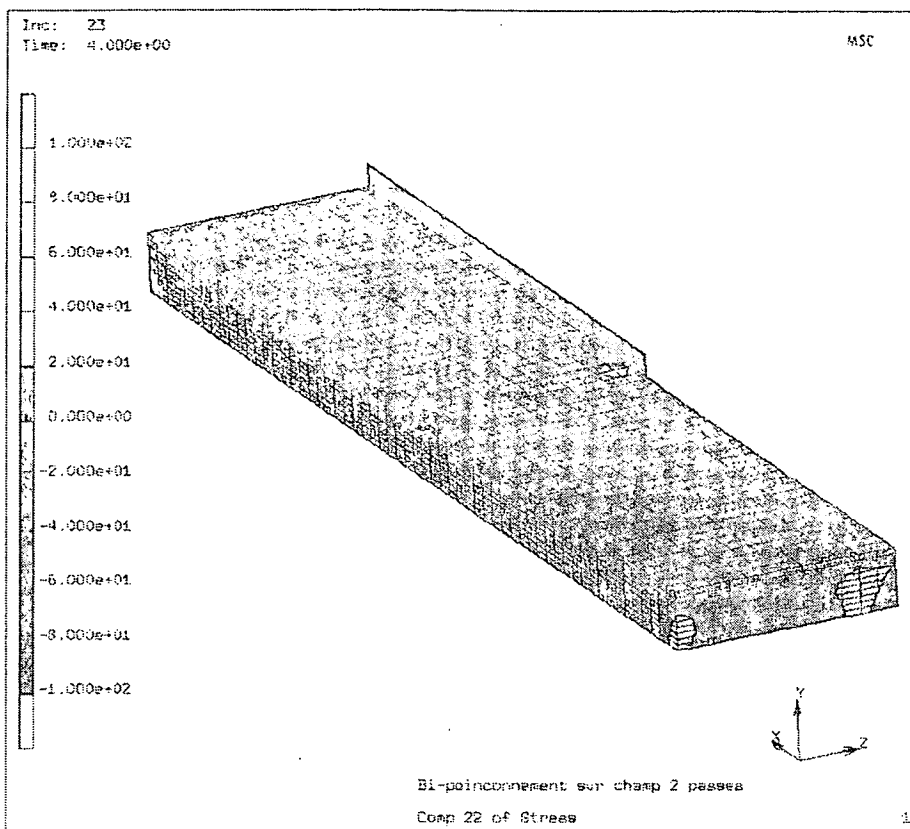


Figure 9

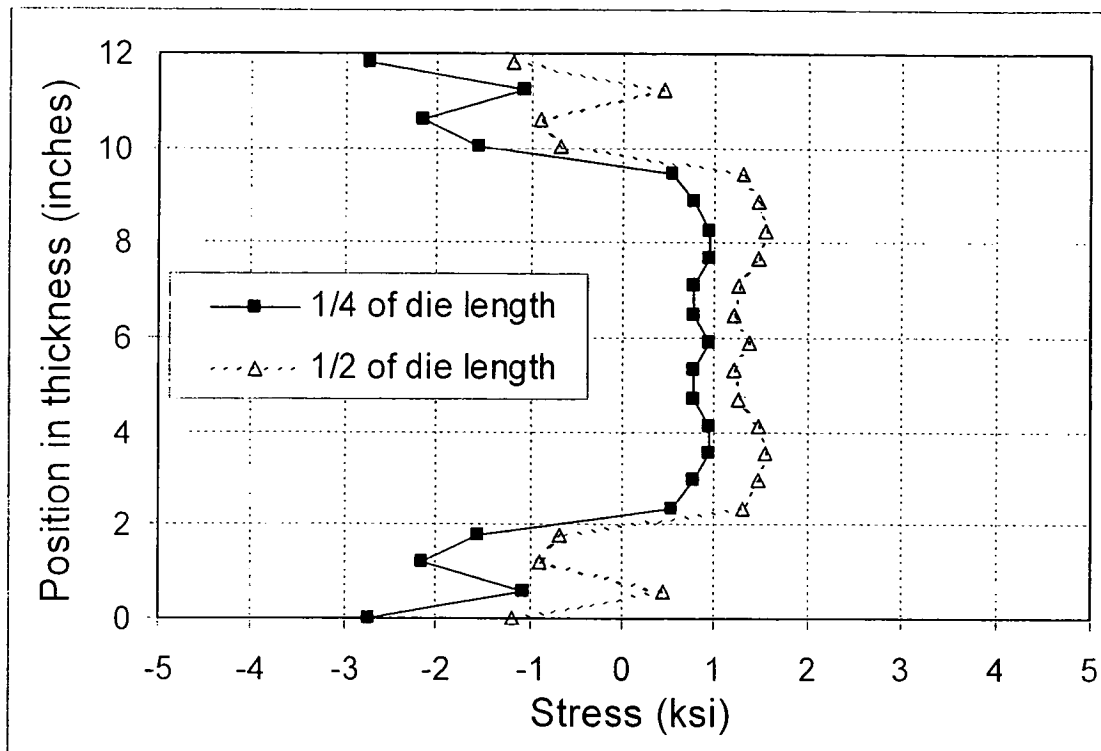


Figure 10

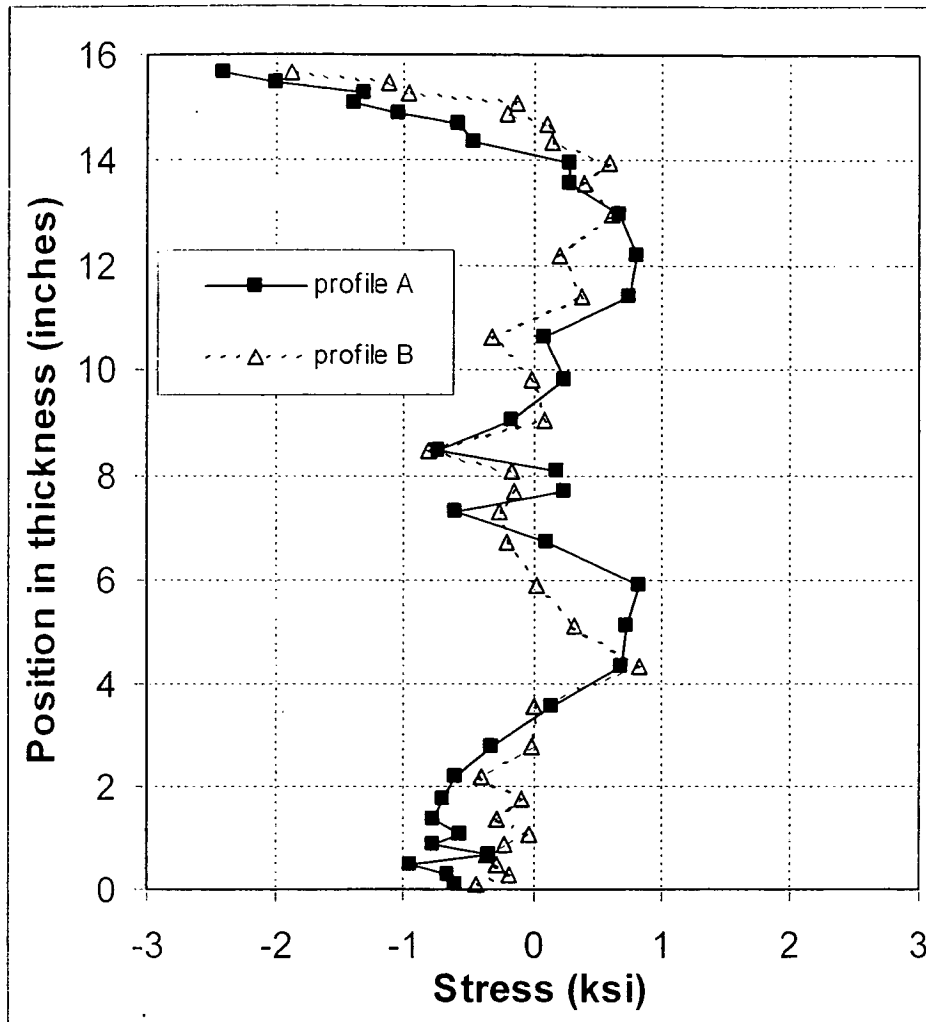


Figure 11

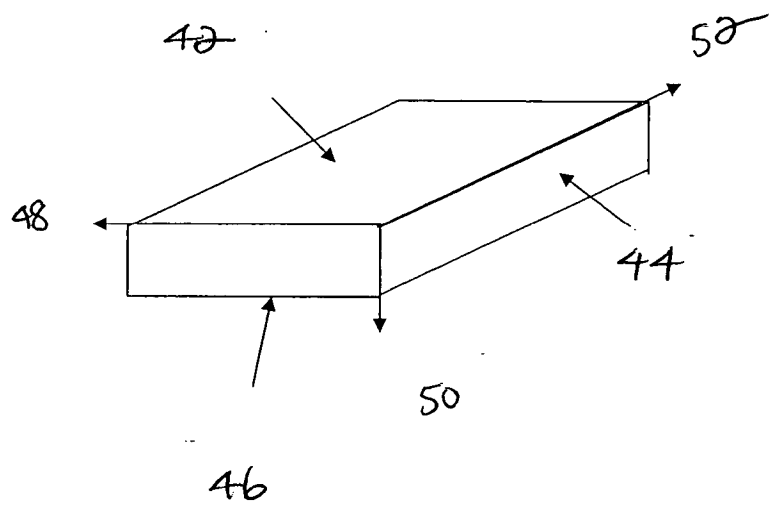
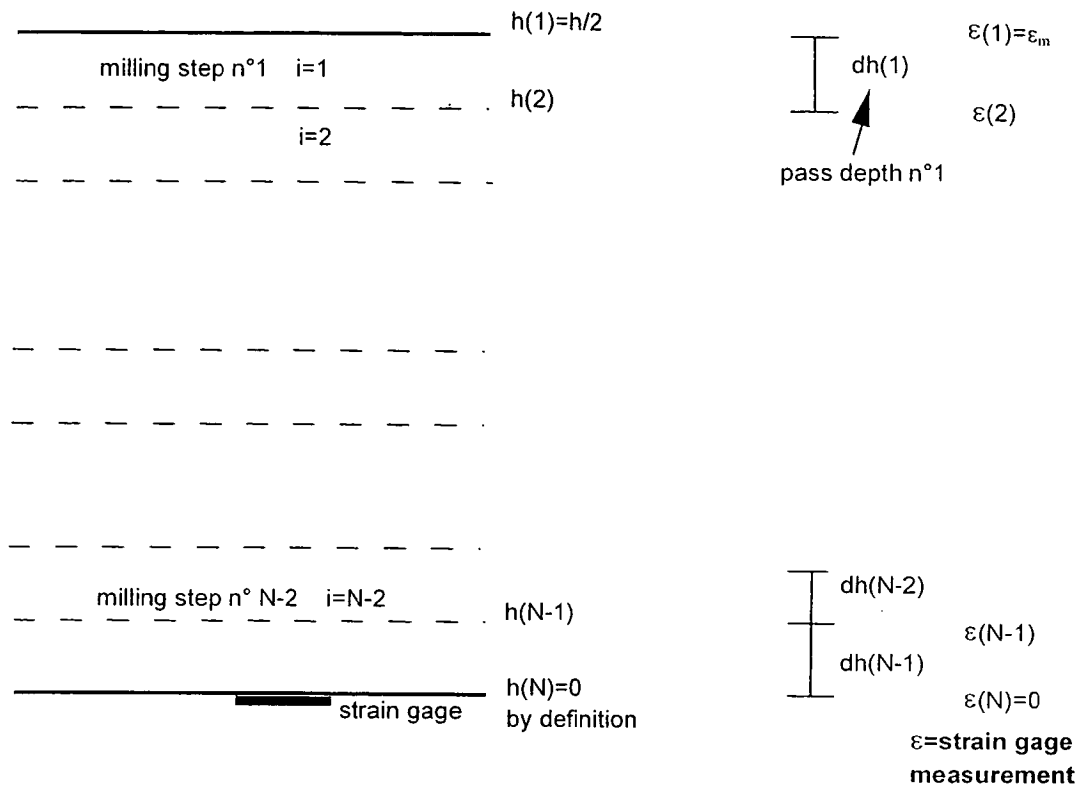


Figure 12



Number of milling steps	= $N - 2$ (from $i=1$ to $N-2$)
Number of thickness measurements	= $N - 1$ (from $i=1$ to $N-1$)
Number of strain gage measurements	= $N - 2$ (from $i=2$ to $N-1$)
Number of residual stress calculated	= $N - 1$ (from $i=1$ to $N-1$)
= nb of step + remaining thickness stress calculated by stress equilibrium	

Figure 13